SANYO

INSTRUCTION MANUAL

CLT-J30
CLT-J40
CLT-J50
CLT-J60

**2.4 GHz
Cordless Telephone
with Caller ID**

Important
Charge the handset battery for 12 continuous hours prior to first use.

SANYO Canada Inc.
www.sanyocanada.com

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> ⚠ The exclamation point within the triangle is a warning sign alerting you of important instructions accompanying the product.

INTRODUCTION

Congratulations on your purchase of this Sanyo cordless telephone.

Your Sanyo 2.4 GHz cordless telephone is a fine-quality home communications product. It is carefully designed and produced by a world leader of consumer and industrial electronic equipment. With proper maintenance and care, it will provide you with years of enjoyment and convenience.

Main Features

2.4 GHz Technology

Superior Range – The use of 2.4 GHz frequency band for signal transmission between base and handset means greater communication range compared to conventional **43 - 49 MHz** cordless telephones.

Ultra-Low Noise – The high frequency communication also has significantly reduced noise level.

40-Channel Auto Scan – Your new telephone uses one of 40 channels in the 2.4-GHz frequency band. It automatically selects a clear channel every time you receive or place a call on the handset.

COMPANDER PLUS Noise Reduction

This fourth generation of the Sanyo's original noise reduction technology now filters out more background noise.

Other features

- Caller ID on handset
- Compatible with Caller ID and Visual Call Waiting
- 40 name/number Caller ID list: name/number, time and date
- 3-line trilingual display with backlit LCD screen
- Lighted handset keypad (CLT-J60 only)

- Dial back from Caller ID list
- 6 melody ring options (CLT-J50 and CLT-J60 only); 3 ringer tones (all other models)
- Do not disturb feature allows you to block calls during select times
- 10 memory call log
- Tone & pulse dialing compatible
- Custom ring tones and animation for select VIP callers

IMPORTANT: To use all of the features of this telephone, you must subscribe to either the standard Name/Number Caller ID Service or Caller ID with Call Waiting Service from your telephone company. To know who is calling while you are on the phone, you must subscribe to Caller ID with Call Waiting Service.

GETTING STARTED

Checking package contents
Make sure your package includes the items shown here.
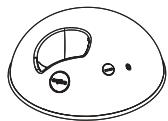
Base unit

Handset
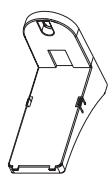
Wall mount bracket
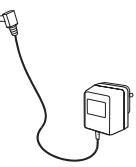
Adaptor (A10925N)

2pcs Face Plates (except CLT-J30)

Belt clip

Telephone line cord

Battery
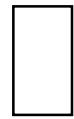
Battery order sheet

Modular jack
You need an RJ11 type modular phone jack. If you do not have a modular jack, call your local phone company to find out how to get one installed.

Installation tips

Some cordless telephones operate at frequencies that may cause interference to nearby TVs microwave ovens, and VCRs. To minimize or prevent such interference, the base of the cordless telephone should not be placed near or on top of a TV, microwave oven, or VCR. If such interference continues, move the cordless telephone farther away from these appliances.

Certain other communications devices may also use the 2.4 GHz frequency for communication and if not set properly these devices may interfere with each other and/or your new telephone. If you are concerned with interference, please refer to the owner's manual for these devices on how to properly set channels to avoid interference. Typical devices that may use the 2.4 GHz frequency for communication include wireless audio/video senders, wireless computer networks, multi-handset cordless telephone systems, and some long-range cordless telephone systems.

GETTING STARTED

Battery setup

1.   Remove the battery compartment cover on the handset, insert the battery, plug the cord into the jack (inside the compartment) and replace the cover.

2.   Set the handset **RINGER** switch to **ON**, and place handset in the base.

3.   Plug the AC adaptor into the **Power DC 9V** jack on the back of the base. Plug the other end into an electrical outlet. The CHARGE/IN USE indicator comes on verifying that the battery is charging. Charge the handset for 12 continuous hours prior to first use. The initial battery charge is important for best performance.

    Note: It is normal for the handset and base to get warm when the handset is charging in the base.

    Caution: Use only the Sanyo AC adaptor that is supplied with this phone. Using another AC adaptor may damage the phone.

1. Slide down the battery cover

2. Place the batteries in the slot

3. Plug the wire into the jack

4. Slide up the battery cover

Telephone line connection

4.   Plug the telephone line cord into the **TEL LINE** jack on the back of the base. Plug the other end into a modular phone jack.

5.   Wrap the cords through the brackets provided to ensure the base stands flat.
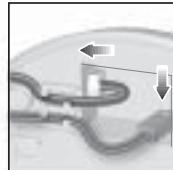
Tone/pulse setting

6.   If you have Pulse (rotary) service, you will need to set the dial mode to pulse. If you have Touch-Tone service, do nothing as your phone has been set to Tone prior to shipment. If you do not know which type of service you have, contact your local telephone company.

7.   To change to Pulse or Tone service, See *Tone/pulse setting*, page 10.

GETTING STARTED

Mounting on a wall
Do not attempt to wall mount the phone before initial 12-hour charging is complete.
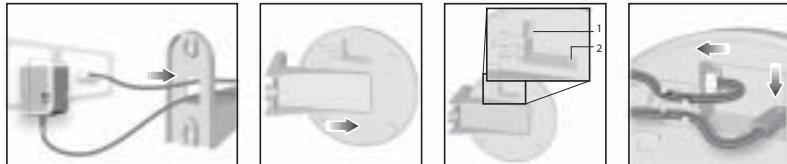
8. Remove the handset from the base and set aside.

9. Turn the base over and unplug the AC adaptor and telephone cords. Run the cords through the square hole on the wall mount. Plug them back in to the base (1 and 2, above).
    Note: If you use Pulse (rotary) dial service, repeat Step 7 under "Tone/Pulse setting".

10. Align the four slots on the bottom of the base with the four hook-tabs on the bracket.

11. Insert the hook-tabs into the slots and push up until the bracket snaps securely into place.

12. Slip the mounting holes over the wall plate posts and slide the unit down firmly into place. (Wall plate not included.)

13. Place the handset in the base.
    Note: If desired, gather the extra AC adaptor cord and telephone cord together, fasten with a wire tie, and store inside the wall mounting bracket.

Digital Security System
Your cordless phone uses a digital security system to provide protection against false ringing, unauthorized access and charges to your phone line. When you place the handset in the base, the phone verifies its security code. After a power outage or battery replacement, you should place the handset in the base for about 20 seconds to reset the code.

NAMES AND CONTROLS

Handset

1. Belt clip
2. Earphone jack

3. CH (channel)/DEL key

4. REDIAL key
5. MEM (memory) key
6. FLASH/PROG (program) key
7. Charging contacts
8. Antenna
9. Incoming call/in use LED
10. Earpiece
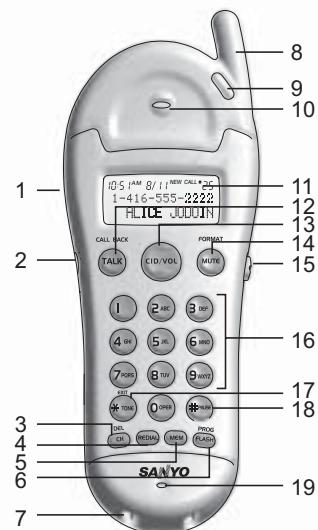
11. LCD screen
12. TALK/CALL BACK key (also used to end a call)
13. CID/VOL (volume) up/down key
14. MUTE/FORMAT key
15. Ringer switch
16. Keypad (0-9)
17. * TONE/EXIT key
18. # PULSE key
19. Microphone

NAMES AND CONTROLS

Base Unit

1. Wall mount
2. Handset cradle
3. CHARGE/IN USE LED
4. PAGE key

INITIAL PROGRAMMING

Before using this telephone 7 initial settings must be completed on the handset: Language, Area code (this is required to use Caller ID service from your telephone company), Ringer tone, Tone/Pulse setting, LCD contrast, Do Not Disturb (DND), and Idle Animation.

Language setting
1. Make sure the phone is OFF (not in TALK mode).
2. Press **FLASH/PROG** until " ► 1 ENG 2 FRA 3 ESP" shows on screen.
3. Press **CID/VOL** ▲ or ▼ , or the number keys (1 – 3) to select the desired language.
4. Press **FLASH/PROG** to store selection. You will hear a confirmation tone.

Area code setting
For proper Caller ID operation, you must program your area code.
1. Make sure the phone is OFF (not in TALK mode).
2. Press **FLASH/PROG** until "**AREA CODE - - -** " shows on screen.
3. Enter your 3-digit area code using the number keys. To change a digit, press **CH/DEL** and then re-enter the number.
4. Press **FLASH/PROG** to store selection. You will hear a confirmation tone.

Ringer tone
There are 6 melody ringer tones available for models J50 and J60 or 3 tones for J30 and J40.
1. Make sure the phone is OFF (not in TALK mode).
2. Press **FLASH/PROG** repeatedly until **"RINGER TONE ► 1"** shows on screen.
3. Press **CID/VOL** ▲ or ▼, or press the number keys 1-3 or 1-6 (depending on the mode) to select the desired ringer tone.
4. Press **FLASH/PROG** to store selection. You will hear a confirmation tone.
    Note: If type1-type 4 (melody) is selected, the handset melody will continuously ring for 11 seconds after the line is dropped or a parallel phone picks up the line.

Tone/pulse setting
1. Make sure the phone is off (not in TALK mode).
2. Press **FLASH/PROG** until " ►1 TONE 2 PULSE" shows on screen.
3. Press **CID/VOL** ▲ or ▼, or press **the number keys 1-2 to select TONE or PULSE**.
4. Press **FLASH/PROG** to store selection. You will hear a confirmation tone.

INITIAL PROGRAMMING

LCD contrast

1. Make sure the phone is off (not in TALK mode).
2. Press **FLASH/PROG** until "**LCD CONTRAST ▶3**" shows on screen.
3. Press **CID/VOL ▲** or **▼**, or press the number keys (1 – 3) to select the desired contrast level.
4. Press **FLASH/PROG** to store selection. You will hear a confirmation tone.

DND setting

This feature is for blocking calls during selected times. You can choose to block all calls, or only calls from non-VIP persons.

1. Make sure the phone is off (not in TALK mode).
2. Press **FLASH/PROG** repeatedly until "**ENABLE DND ▶ 1NO**" shows on the screen.
3. Press **CID/VOL ▲** or **▼**, or press the number keys 1-2 to select "NO" or "YES".
4. Press **FLASH/PROG** again to store selection. You will hear a confirmation tone, and the following information will show on screen (if "NO" is selected then menu will go to the next menu):

```
START 12:00 AM
STOP   2:00 AM
```

5. Press the number keys (0 – 9) to enter the start and stop times (12 hour format). Press **CID VOL ▲** or **▼** to navigate between options. Press "*" to select AM. Press "#" to select PM.
6. Press **PROG / FLASH** again to store selection. You will hear a confirmation tone, and the following information will show on screen:

```
RESTRICTION 1/2
▶2. ALL CALLS
```

7. Press CID/VOL ▲ or ▼ , or press number keys (1-2) to select "ALL CALLS" or "ALLOW VIP". "ALLOW VIP" allows numbers marked in the memory as VIP (very important persons) to get through, even when DND is ON. To block all calls, press **2**. This will prevent the phone from ringing during the selected time, no matter who calls.

   Note: As the DND feature is dependant on Caller ID information, the first ring will always sound.

INITIAL PROGRAMMING

8. Press **FLASH/PROG** again to store the selection. You will hear a confirmation tone.

Idle animation

This feature allows animation to display when the handset is on the base cradle:

1. Make sure the phone is off (not in TALK mode).
2. Press **FLASH/PROG** repeatedly until the following information displays:

```
IDLE ANIMATION
▪1 YES  2 NO
```
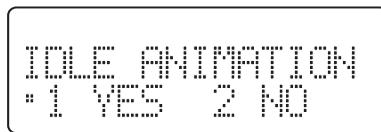
3. Press **CID/VOL** ▲ or ▼, or the number keys (1-2) to turn the animation on or off.
4. Press **FLASH/PROG** again to store the selection. You will hear a confirm tone.

Resetting to default

You can reset the phone programming to the initial factory default settings. The default settings are:

Language	English
Area Code	- - -
Contrast	3
Ringer Tone	1
Tone/Pulse Setting	Tone
DND	Disabled
Idle Animation	Enabled

1. Make sure the phone is OFF (not in TALK mode).
2. Press **FLASH/PROG** repeatedly until "**DEFAULT ►1 NO**" shows on screen.
3. Press **CID** ▲ or ▼, or the **1** or **2** keys to select your choice.
4. Press **FLASH/PROG** again to confirm. You will hear a confirm tone.

BASICS

Receiving a call

When an incoming call is received, the incoming call LED on the handset flashes, and the handset will show caller information. *

* **Note:** A subscription is required from your local phone company to receive Caller ID information on your phone. See *Caller ID Features*, page 16.

1. Press **TALK/CALL BACK** to answer the call.
    Note: If handset is in the base cradle, remove it from base before pressing the **TALK/CALL BACK** key.
2. Press **TALK/CALL BACK** again to hang up.
    Note: If you replace the handset to the base cradle, the handset automatically hangs up.

Making a call

1. Press **TALK/CALL BACK**.
    Note: If handset is in the base cradle, remove it from base before pressing the **TALK/CALL BACK** key.
2. Dial the phone number. The screen shows the number as you enter it.

```
                13126382222 ───── Telephone Number
      CH06  00:06  VOL2
      │          │          │
  Channel No.  Call Timer   Volume Level
```
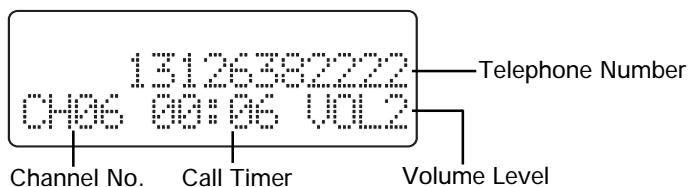
3. Press **TALK/CALL BACK** again to hang up.

Volume adjustment

The **VOLUME** key adjusts the volume level of the earpiece. There are 4 volume levels.
1. Make sure the phone is in TALK mode.
2. Press the **CID/VOL** ▲ or ▼ key on the handset.

Ringer switch

The **RINGER** switch must be on for the handset to ring during incoming calls.

BASICS

Pre-dialing (up to 32 digits)
1. Make sure the phone is OFF (not in TALK mode).
2. Enter the telephone number. The number is displayed as you enter it.
3. Press **TALK/CALL BACK**.
   Note: Pressing *TONE will exit pre-dialing.

Changing the pre-dial number
1. Make sure the phone is OFF (not in TALK mode).
2. Enter the telephone number.
3. Press **CH/DEL** to delete digits one by one.
4. Re-enter the number.

Redialing
1. Make sure the phone is OFF (not in TALK mode).
2. Press **TALK/CALL BACK**.
3. Press **REDIAL** to redial the last number (up to 32 digits).

Fast redialing
1. Press **TALK/CALL BACK** (not in TALK mode).
2. Enter the telephone number you want to dial.
3. If the line is busy, press **REDIAL**. The phone will drop the line for two seconds and redial again.

FLASH key
Use the **FLASH/PROG** key to activate custom calling services such as Call Waiting or Call Transfer (available through your local phone company).
   Tip: Do not use **TALK/CALL BACK** to activate custom calling services such as Call Waiting, or you will hang up the phone.

CH (Channel)/DEL key
While talking, you might need to manually change the channel to get rid of static. Press the **CH/DEL** key to switch to a clear channel.

* TONE key
This feature enables Pulse service phone users to access touch-tone services offered by banks, credit card companies, etc.
1. Call the bank's information line.
2. Press ***TONE** after your call is answered.
3. Follow the voice instructions to complete your transaction.
4. Hang up when finished. The phone returns to Pulse service.

BASICS

Handset locator (Paging function)

This feature helps to locate a misplaced handset.

1. Press **PAGE** on the base, the screen shows "PAGING", the handset beeps continuously for about 2 minutes or until you press any key on the handset.
2. To stop the paging, do one of the following:
   - Press **PAGE** on the base
   - Press **TALK/CALL BACK,** this will also enter talk mode.
   - Press any other button on the handset

   Note: You can still page the handset with the ringer off.

MUTE key

To have a private, off-line conversation, use the MUTE feature. The caller on the other end of the line cannot hear you, but you can still hear them.

To mute the microphone:

1. Press **MUTE** in TALK mode. The screen shows "MUTE".
2. Press **MUTE** again to return to your phone conversation.

Low battery warning

1. If the battery is low and the phone is in TALK mode, a warning tone consisting of 2 short beeps will sound from the handset and the LED will flash every 15 seconds. "LOW BATTERY" shows on screen.
2. If the battery is low and the phone is in STANDBY mode, the LED on handset will flash every 15 seconds, and "LOW BATTERY" shows on screen.

Voice mail indicator

When you subscribe to a voice mail service offered by your phone company, the phone alerts you when voice mail has been received. MESSAGE WAITING appears on screen for 60 seconds when a voice mail is received. The LED on the base flashes to indicate there is a voice mail waiting. After the voice mail has been reviewed, MSG WAITING OFF appears on screen, and the indicator stops flashing.

Note: The indicator does not work with your answering machine. The phone will only work with an FSK type of VMWI System. It will not work with the Stutter Dial Tone type of VMWI System.

CALLER ID FEATURES

This phone receives and displays incoming call information transmitted by your local phone company, provided you subscribe to Voice Mail, Caller ID, and/or Call Waiting services. This information can include the phone number and/or the name, date and time. The phone can store up to 40 calls for later review.

Caller ID with Call Waiting

When you subscribe to Caller ID with Call Waiting (Visual Call Waiting ™) service from your phone company, you are able to see who is calling when you hear the Call Waiting beep. Caller identification information appears on screen after you hear the tone.

Press the **FLASH/PROG** key to put the current call on hold so that you can answer the incoming call. The following information will display.
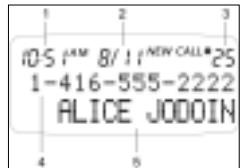
1. Time
2. Date
3. Number of calls received
4. Phone number
5. Name

To return to the call, press **FLASH/PROG** again.

IMPORTANT: To use these features you must subscribe to Caller ID with Call Waiting Service.

Caller ID list

The incoming caller information transmitted from the phone company is received by your phone between the first and second rings and stored in the Caller ID list. If you answer a call before the second ring the caller information may not be stored.

When the Caller ID list memory is full, a new call automatically replaces the oldest call in memory. **NEW** appears on screen for calls received that have not been reviewed.

> **Note:** Check with your local phone company regarding name service availability.

CALLER ID FEATURES

Reviewing Caller ID list

As calls are received and stored, the screen is updated to let you know how many calls have been received.

1. Press **CID/VOL ▼** to scroll through the Caller ID list from the most recent to the oldest.
2. Press **CID/VOL ▲** to scroll through the Caller ID list from the oldest to the most recent.
3. Press **TONE/EXIT** to return to Standby Mode anytime.

   Note: 1. If area code is programmed (for example **416**), the whole number (**416-2225555**) including area code will be shown on the screen during a call coming from this area. When reviewed later, the area code will not be shown (i.e. LCD shows **2225555** only). 2. You may also transfer Caller ID entries to the directory.

See *Storing caller ID entries in directory* below.

Format Caller ID numbers

The **MUTE/FORMAT** key lets you select how many digits of the number are displayed.

- Press **MUTE/FORMAT** once to add the area code (Note: The programmed area code must match the Caller ID area code).
- Press **MUTE/FORMAT** again to add 1 plus the area code.
- Press **MUTE/FORMAT** a third time to go back to the 7-digit number.

Storing Caller ID entries in the directory

Before storing a caller ID number, make sure the number appears in proper digits for your dialing area. If not, change it using the **MUTE/FORMAT** key. For example, if the Caller ID number appears **1-416-222-5555** but it is not a long distance number, press **MUTE/FORMAT** until it shows **416-222-5555** (without 1).

   Note: If a specific memory entry is longer than 15 digits, the last 15 digits show on the screen.

CALLER ID FEATURES

1. Use the **CID/VOL** ▲ or ▼ key to select desired Caller ID entry.
2. Press **MEM** key, "MEMO # --" shows on the top right corner of screen.
3. Select the desired memory location by pressing the number keys (0-9). "ANIMATION ►0" shows on screen. "0" means the animation feature is disabled.
4. Press the number (0-6) or use **CID/VOL** ▲ or ▼ to select the desired animation. The selected animation will be displayed when the incoming call matches with the number you stored.
5. Press **MEM** again. "RINGER TONE 1" shows on screen.
6. Press 1-3 or 1-6 depending on the model or use **CID/VOL** ▲ or ▼ to select the desired ringer tone (6 melody ring tones available for J50/J60 or 3 tones for J30/J40). The selected ringer tone will be heard when the incoming call matches with the number you stored.
7. Press **MEM** again. "VIP 1YES 2 NO" shows on screen.
8. Press the number (1-2) or use **CID/VOL** ▲ or ▼ to select the desired status. Once tagged as VIP, this caller can bypass the DND feature.
9. Press **MEM** again to store the number to memory. If the memory location already contains name and number information, "REPLACE MEMO?" will show on screen. Press **MEM** again if you want to replace the information and save. Press ***TONE/EXIT** button to return the unit to standby mode without saving.
10. If the selected memory location is empty, you will hear a confirmation tone when the new memory record is saved.

    Note: If the selected CID record contains non-digit characters, or the number is more than 24 digits, the unit will not store the record.

Dialing a Caller ID number
1. Make sure the phone is OFF (not in TALK mode).
2. Use **CID** ▲ or ▼ to scroll to the desire Caller ID entry.
3. Use **MUTE/FORMAT** key to display the phone number in proper digits if necessary.
4. Press **TALK/CALL BACK**. The number dials automatically.

CALLER ID FEATURES

Deleting entries from the Caller list

Use **CH/DEL** to erase the entry currently shown on screen, or all entries.

Deleting the displayed entry

1. Make sure the phone is OFF (not in TALK mode).
2. Use the **CID/VOL** ▲ or ▼ keys to find the entry you want to delete.
3. While the entry is displayed, press **CH/DEL**. "DELETE?" shows on screen.
4. Press **CH/DEL** again to delete the entry. Confirmation tone sounds and LCD shows "DELETED" for 2 seconds.

Deleting all entries

1. Make sure the phone is OFF (not in TALK mode).
2. Use the **CID/VOL** ▲ or ▼ keys to display any entry.
3. Press and hold **CH/DEL**, until "DELETE ALL?" shows on screen.
4. Press **CH/DEL** again to confirm. "NO CALLS" shows on screen.

DIRECTORY

You can store up to 10 names (up to 15 characters) and numbers (up to 24 digits) in the directory for quick dialing. If a number exceeds 24 digits, you can program it in parts, and then chain dial the number.

Store a number in the directory

To program a number to memory:
1. Make sure the phone is OFF (not in TALK Mode).
2. Press **MEM** key to start the Memory Programming Mode. "MEMO # --" shows on the screen.
3. Select the desired memory location (0 – 9) or use the **CID/VOL** ▲ or ▼ keys to find an empty memory location.
4. Press the **MEM** key again. The screen shows "ENTER NAME"
5. Use the digit keys to enter the name. The cursor advances 1 space after each key press. Within 1 second, you can press the same key again to select another character. If you make a mistake, press **CH/DEL** to delete previous characters one by one.

Key Press	1	2	3	4	5	6	7	8	9
1st – 5th press		A	D	G	J	M	P	T	W
2nd – 6th press	–	B	E	H	K	N	Q	U	X
3rd – 7th press	*	C	F	I	L	O	R	V	Y
4th – 8th press	!	(	)	$	'	;	S	?	Z

6. Press **MEM** again to save the name. "ENTER TEL NUMBR" shows on screen.

7. Use the digit keys to enter the desired telephone number. If you make a mistake, press **CH/DEL** to delete previous digits one by one, then enter the correct digits. If you wish to add a pause, press **PAUSE** two times at the desired location. Be sure to press it twice, or you will enter a # (number sign) and not a pause. Each pause counts as 1 digit in the dialing sequence. Or you can store redial number in the directory by pressing **REDIAL** (Note: If the redial number is longer than 24 digits, it can not be stored into the memory.).

8. Press **MEM** again to save the number. "ANIMATION ▶0" shows on screen. "0" means the animation feature is disabled.

9. Press the number (0 – 6) or use **CID/VOL** ▲ or ▼ to select the desired animation. The selected animation will be displayed when the incoming call matches with the number you stored.

10. Press **MEM** again. "RINGER TONE 1" shows on screen.

11. Press 1-3 or 1-6 depending on the model or use **CID/VOL** ▲ or ▼ to select the desired ringer tone (6 melody ring tones available for J50/J60 or 3 tones for J30/J40). The selected ringer tone will be heard when the incoming call matches with the number you stored.

12. Press **MEM** again. "VIP 1YES 2 NO" shows on screen.

13. Press the number (1 – 2) or use **CID/VOL** ▲ or ▼ to select the desired status. Once tagged as VIP, this caller can bypass the DND feature.

14. Press **MEM** again to store the number to memory. If you are replacing a number, "REPLACE MEMO?" shows on screen. Press MEM again to confirm, or press *TONE/EXIT to return to standby mode.

To view your directory, press **MEM** and use **CID/VOL** ▲ or ▼ or the number (0-9) to scroll.

Replacing a directory entry with a Caller ID entry
Use the same procedure as for *storing Caller ID entries in the directory*

Changing a stored number
Use the same procedure as for *storing a number in the directory*

Making calls from the directory
1. Make sure the phone is ON by pressing **TALK/CALL BACK**.
2. Press **MEM**.
3. Press the number **(0 - 9)** for the desired memory location. The number dials automatically.

Or:
1. Make sure the phone is OFF (not in TALK mode).
2. Press MEM.
3. Press the number (0-9) or use **CID/VOL** ▲ or ▼ to select the desired number.
4. Press TALK/CALL BACK, the number will be dialed automatically.

DIRECTORY

Reviewing and deleting directory contents

1. Make sure the phone is OFF (not in TALK mode).
2. Press **MEM**.
3. Use **CID/VOL** ▲ or ▼ to scroll through the directory until the desired name/ number is shown, or use the number pad to select a memory location. The selected telephone number and name show on screen.
4. While the entry is displayed, press **CH/DEL** to delete the entry. The screen shows "DELETE?"
5. Press **CH/DEL** again to delete the entry. "DELETED" shows on screen.

Chain dialing from the directory

Use this feature to make calls that require a sequence of numbers such as using a calling card for a frequently called long distance number. You can dial each part of the sequence from a different entry of the directory. The following example shows how you can use chain dialing to make a call through a long distance service:

The Number for:	Memory Location
Long distance access number	7
Authorization code	8
Frequently called long distance number	9

1. Make sure the phone is in TALK mode.
2. Press **MEM** and then press 7.
3. When you hear the access tone, press **MEM** and then press **8**.
4. At the next access tone, press **MEM** and then **9**.
   Tip: Wait for the access tones before pressing the next memory key, or your call might not go through.

CHANGING THE BATTERY

Battery replacement and handling

When the operating time becomes short even after a battery is recharged, please replace the battery.

With normal usage, your battery should last about one year.

For a replacement battery, please contact your place of purchase or fill out and mail the enclosed form.

Caution:
- Use only the specified battery type (3.6V, 600mAh).
- Do not remove the battery from the handset to charge it.
- Never throw the battery into a fire, disassemble it, or heat it.
- Do not remove or damage the battery casing.
- Remove battery if storing the phone for over 30 days.

Make sure the telephone is off before you replace the battery.
1. Slide off the battery compartment cover.
2. Disconnect the battery plug from the jack in the compartment and remove the battery pack.
3. Insert the new battery pack and connect the cord into the jack.
   Note: Please refer to the pictures on page 6, "Battery setup" for guide.
4. Put the battery compartment cover back on.
5. Place handset on the base to charge for 12 hours.

Note: If the handset battery is removed for more than 5 minutes, the directory memory and caller ID memory will be erased.

Charge the handset battery for 12 hours continuous prior to first use. The initial battery charge is important for best performance.

Caution: To reduce the risk of fire or personal injury, use a 3.6 V, 600mAh battery.

Replacement part number: GES-PC3F03.

CHANGING THE FACE PLATES

1. Carefully remove the existing handset cover by prying up the notch at the bottom of the cover.
2. Reattach new cover by snapping the upper portion of the cover into position first, and then snap the lower portion into the place.

** Optional face plates can be bought separately, please visit to our web site www.sanyocanada.com for the details.

RECYCLING NICKEL-METAL HYDRIDE BATTERIES

NICKEL-METAL HYDRIDE BATTERIES MUST BE DISPOSED OF PROPERLY.

Please take your used battery pack to a store that recycles Ni-MH batteries.

POWER FAILURE

When power is off, you will not be able to make or receive calls with the telephone.

After a power outage, place the handset in the base for about 20 seconds to reset the digital security code.

HEADSET JACK AND BELT CLIP

Headset connection (Headset not included)

For hands free conversation, connect the headset (not included) to the **HEADSET** jack. The handset earpiece and microphone are disabled when the headset is connected.

Press **TALK/CALL BACK** to answer or place a call while using the headset.

Belt clip installation
- Attach the belt clip by inserting the sides of the belt clip into the slots.
- Snap the ends of the belt clip into place.
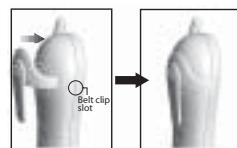
LIGHT SIGNALS

The charge/in use & incoming call/in use indicator will change under the following conditions.

CHARGE/IN USE LED on the base

Talking	Lit steadily
Charging	Lit steadily
Incoming call	Flashes in same pattern as telephone ring
Paging	Flashes every 0.5 second
Voice mail	Flashes every 1 second

INCOMING CALL/IN USE LED on the handset

Talking	Lit steadily
Paging	Flashes every 1 second
Low battery	Flashes every 15 seconds
Incoming call	Flashes in same pattern as telephone ring

LCD SCREEN MESSAGES

The following indicators show the status of a message or of the phone.

BLOCKED NUMBER/ NAME/CALLER	The person is calling from a number that has been blocked from transmission
DND	Do Not Disturb is activated
EMPTY	There is no record stored to the selected directory location
ERROR	Caller information has been interrupted during transmission or the phone is excessively noisy
ENTER NAME	Prompt telling you to enter name in directory
ENTER TEL NUMBR	Prompt to enter the telephone number for directory
DELETE ALL?	Prompt asking you if you want to erase all Caller ID information
DELETE?	Prompt asking you if you want to erase the current Caller ID entry or a directory entry that is shown on screen
END OF LIST	Indicates that there is no additional information in Caller ID list
INCOMPLETE DATA	The telephone provider did not send all Caller ID information because the signal was weak or the call was interrupted
MESSAGE WAITING	Caller has left a message (you must subscribe to voice mail service offered by your local phone company for this to work)
NEW	Indicates call or calls have not been reviewed
NO CALLS	There are no Caller ID records stored to memory
NO DATA	No Caller ID information was received
REPT	Repeat call
UNKNOWN NUMBER/ NAME/CALLER	The incoming call is from an area not serviced by Caller ID, or the information was not sent
PAGING	Someone has pressed the PAGE key on the base
VIP	Caller has been marked as a Very Important Person in directory
RINGER=OFF	Ringer ON/OFF switch on the right side is set to OFF.

SOUND SIGNALS

A long warbling tone	Signals an incoming call
Single Tone	A key is pressed
Three short beeps	Error tone
Two long beeps	Confirmation tone
One short beep and one long beep	Page signal
Two short beeps every 15 seconds	Low battery warning

TROUBLESHOOTING

CALLER ID
No display

- Is battery fully charged? Try replacing the battery.
- Make sure that the base is connected to a non-switched AC outlet. Disconnect the base from the plug and plug it in again.
- Did you order Caller ID service from your local telephone company? The display will not work unless you do this.

Caller ID error message

- The phone displays this message if it detects anything other than valid Caller ID information during the silent period after the first ring. This message indicates either the presence of noise on the line, or that an invalid message has been sent from the telephone company.

TELEPHONE
No dial tone

- Check installation:
- Is the base power cord connected to a working outlet?
- Is the telephone line cord connected to the base unit and the wall jack?
- Disconnect the base from the wall jack and connect another phone to the same jack. If there is no dial tone in the second phone, the problem might be your wiring or local service.
- Is the handset out of range of the base?
- Make sure the battery is properly charged (12 continuous hours).
- Is the battery pack installed correctly?
- Did the handset beep when you pressed **TALK/CALL BACK?** Did the **CHARGE/IN USE** indicator come on? The battery may need to be charged.

TROUBLESHOOTING

Dial tone is OK, but cannot dial out
- Make sure the **TONE/PULSE** dialing mode is set to TONE or PULSE according to your phone service.

Handset does not ring
- Make sure the **RINGER** switch on the handset is turned to ON.
- You may have too many extension phones on your line. Try unplugging some phones.
- See solutions for **No dial tone.**

You experience static, noise, or fading in and out
- Change channels.
- Is handset out of range? Move closer to the base.
  If you hear 3 short beeps when you press **TALK/CALL BACK**, you are out of range.
- Does the base need to be relocated?
- Charge battery.
- Make sure base is not plugged into an outlet with another house hold appliance.

Phone beeps
- Place handset in base for a minimum of 20 seconds to reset the security code. If that does not work, charge battery for 12 continuous hours.
- Clean charging contacts on handset and base with a soft cloth or an eraser.
- See solutions for **No dial tone.**
- Replace battery.

Dialing from Memory
- Did you program the directory keys correctly?
- Did you follow proper dialing sequence?
- Make sure the TONE/PULSE dialing mode is set to TONE or PULSE according to your phone service.
- Did you reprogram directory after a power outage or battery replacement?

TROUBLESHOOTING

CHARGE/IN USE LED ON BASE KEEPS FLASHING

- Provided your phone company offers voice mail indicator service and you subscribe to it, the CHARGE/IN USE LED flashes when the phone is in use to indicate there is a message waiting. It stops flashing after the message has been reviewed.

Causes of poor reception

- Aluminum siding.
- Foil backing on insulation.
- Heating ducts and other metal construction can shield radio signals.
- You are too close to appliances such as microwaves, stoves, computers, etc.
- Atmospheric conditions, such as strong storms.
- Base is installed in the basement or lower floor of the house.
- Base is plugged into an AC outlet with other electronic devices.
- Baby monitor is using the same frequency.
- Handset battery is low.
- You are out of range of the base.

MAINTENANCE

To keep your telephone working and looking good, follow these guidelines:

- Avoid putting the phone near heating appliances and devices that generate electrical noise (for example, motors or fluorescent lamps).
- Do not expose to direct sunlight or moisture.
- Avoid dropping the phone, and other rough treatment to the phone.
- Clean the phone with a soft cloth.
- Never use a strong cleaning agent or abrasive powder because this will damage the finish.
- Periodically clean the charge contacts on the handset and base with a clean pencil eraser.
- Retain the original packaging in case you need to ship the phone at a later date.

MAXIMIZE BATTERY PERFORMANCE

The freedom that your cordless telephone can offer is fully dependent on the performance of the rechargeable battery in the handset. To maximize the battery performance, follow these guidelines:

Charge it for a full 12 hours
Before initial use of your new battery, charge it for 12 hours continuously. The proper initial charging is very important to maximize the battery performance.

Keep the contacts clean
You can never fully recharge the battery if the contacts are dirty. Clean all the contacts - two at the bottom of the handset and two in the base cradle - periodically, using a pencil eraser.

Do not replace the handset in the base after each call
Repeated short charging creates a memory effect in the battery. Once a rechargeable battery acquires this "short memory", it sends a "low battery" signal even when it is almost fully charged. The battery then needs to be charged frequently. To avoid this, leave the handset away from the cradle until it really needs recharging.

Refresh battery
If your battery seems to need recharging more often than usual, it may have lost part of its charging capacity because of premature recharges. To bring back its full capacity, try "refreshing" the battery:

1. First discharge the battery by leaving the handset in TALK mode until Battery Low indication turns on. (Disconnect the base from the telephone line, so that your line is not busy all the time.)
2. Then charge it for 12 continuous hours.
3. Repeat the above once more.

TECHNICAL INFORMATION

REN Number:
The Ringer Equivalence Number (REN) assigned to each terminal's device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface.

The REN number of this phone is located on the bottom of the base unit. The termination on an interface may consist of any combination of device subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed 5.

CAUTION
This product is intended for use in CANADA only. Sale or use in other countries may violate local laws.

Cordless telephones use radio frequencies to allow mobility. This affects the performance of your phone.

1. NOISE
Electrical pulse noise is present in most homes at one time or another. This is most intense during electrical storms. Certain kinds of electrical equipment, such as light dimmers, fluorescent bulbs, motors, fans, etc., also generate pulse noise.

Because radio frequencies are susceptible to this, you may on occasion hear pulse noise through the handset. This is usually only a minor annoyance and should not be interpreted as a defect of the phone.

2. RANGE
Because radio frequencies are used, the location of the base station can affect the operating range of the phone. Try several locations and choose the one that gives the clearest signal to the handset. (Turning in a circle while holding the handset may also increase the operating range.)

3. INTERFERENCE
Electronic circuits activate a relay to connect the unit to your telephone line. These electronic circuits operate in the radio frequency spectrum. While several protection circuits are used to prevent unwanted signals, there may be periods when these unwanted signals enter the base station. You may hear a click or hear the relay activate when you are not using the cordless handset. If this occurs frequently, you can minimize or eliminate the problem by lowering the height of the base station or relocating the base station. It may also be helpful to change the operating channel and/or the security code setting.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

NOTICE:
Privacy of communications may not be ensured when using this telephone. Other devices, including other cordless telephones, may interfere with the operation of this cordless telephone or cause noise during operation. Units without coded access may be accessed by other radio communication systems. Cordless telephones must not cause interference to any licensed radio service.

The Industry Canada Label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements. The ministry does not guarantee that the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed

TECHNICAL INFORMATION

using an acceptable method of construction. In some cases, the company's inside wiring associated with single-line individual service may be extended by means of a certified connector assembly (telephone extension cord). The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request that the user disconnect the equipment.

The user should ensure for his own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

CAUTION
Users should not attempt to make such connections themselves, but should contact the appropriate electrical inspection authority, or electrician, as appropriate.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

This symbol on the product is used to identify the following important information. Use only with specified SANYO power adaptor.

NOTICE: This equipment meets the applicable Industry Canada Terminal Equipment Technical Specifications. This is confirmed by the registration number. The abbreviation, IC, before registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.

SANYO COMFORT WARRANTY

WARRANTY APPLICATION
Sanyo Communications products purchased new, unused in Canada through a Sanyo Authorized Dealer are warranted against manufacturing defects in materials and workmanship for ONE YEAR covering parts and labour, from the date of purchase by the original retail purchaser. This warranty only applies in favour of the original retail purchaser of the warranted product.

SANYO CANADA INC.'S RESPONSIBILITY
During the warranty period, SANYO Canada Inc. will repair, or at our option, replace a Communications product which shows evidence of a manufacturing defect in materials or workmanship. Replacement PARTS are warranted for the remaining portion of the warranty period.

SANYO COMFORT WARRANTY

WHAT IS NOT COVERED
a. Communications products purchased outside Canada.
b. Communications products purchased in a used condition.
c. Communications products purchased from non Sanyo - authorized dealer.
d. Communications products not intended for Canadian usage or products without appropriate Canadian regulatory approvals.
e. Problem due to product set-up and installation.
f. Adjustments that are outlined in the Operating Manual.
g. Accessory items including antenna and batteries.
h. Damage in or due to transportation.
i. Damage due to improper maintenance, accident, abuse, misuse or negligence.
j. Damage caused by lightning and power surges.

ORIGINAL RETAIL PURCHASER'S RESPONSIBILITY
You, the original retail purchaser, must present your original, dated bill-of-sale together with this warranty to SANYO Canada Inc. or to an authorized Sanyo Service Depot when you make a claim under this warranty.

You, the original retail purchaser, are responsible for any costs of TRANSPORTING the product to and from SANYO Canada Inc. or an authorized Sanyo Service Depot. You also are responsible for the cost of any MAINTENANCE necessary in respect of the product.

WARRANTY BECOMES VOID
This warranty becomes void if the product's serial numbers are altered or removed or if any repair to the product is made other than by SANYO Canada Inc. or by an authorized Sanyo Service Depot.

LIMITATIONS
a. SANYO Canada Inc. reserves the right to change or improve the design of the model of the product warranted hereunder without incurring any obligation to make any modifications to or to install any improvement in or on the product.
b. In no event shall SANYO Canada Inc. or any of its Authorized Dealers be liable for special or consequential damage arising from the use of this product.

STATUTORY WARRANTIES
The above provisions do not preclude the operation of any applicable provincial statute which in certain circumstances may not allow some of the limitations and exclusions described in this warranty. Where any terms of this warranty are prohibited by such a statute, they shall be deemed null and void but the remainder of this warranty shall remain in effect.

HOW TO OBTAIN WARRANTY SERVICE
Please contact the Sanyo Authorized Dealer from whom the product was purchased, or contact us directly at:

SANYO Canada Inc.

1-300 Applewood Cres.

Concord, Ont. L4K 5C7

(905) 760-9944

1-800-263-2244

SOS HELP LINE

At Sanyo, fulfilling the needs of our customers is a priority. That's why we created our SOS customer service program that guarantees satisfaction.

NATIONWIDE CUSTOMER SUPPORT
SOS is there to help you. Our friendly and knowledgeable product specialists will quickly answer your questions about setup and use of Sanyo telephone products. Simply call toll free from anywhere in Canada to connect to our no-charge, SOS support and service network:

1-800-263-2244
between 8:30 am – 7:00 pm EST

Or visit our website at **www.sanyoservice.com,** and click the **Customer Relations** button to get access to our FAQ's (Frequently Asked Questions) and other helpful features.

STAY-AT-HOME CONVENIENCE
It's a nuisance making another trip to the store when you're stuck. Now with SOS, all that's necessary is a quick call for your home for product assistance.

HASSLE-FREE EXCHANGE
Should your Sanyo telephone require servicing due to a manufacturing defect during the warranty period. SANYO Canada will ship prepaid a replacement unit* within two business days after receiving your defective unit. **Consumers are responsible for the shipping costs of the unit back to Sanyo.**

For older, non-current models, replacement units may not be available, in which case our regular warranty conditions will apply.

GUARANTEED QUALITY
All SOS replacement sets are checked and serviced by factory-authorized technicians before being sent out.
SOS means you never have to worry.

C.O.D. and/or Collect shipments will not be accepted.

Unit must be returned to Sanyo in its original box with all accessories, i.e.: owner's manual, battery, adaptor, telephone cord, etc.